

Converting Colors

CIELCh(28, 96.859, 221.912)

Have a look what the booklet for
CIELCh(28, 96.859, 221.912)
contains.

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Color

CIELCh(39, 47.659, 278.615)

Conversions

Conversions Part 1

Format	Color
Hex	035DA9
RGB	3, 93, 169
RGB Percent	1%, 36%, 66%
CMY	0.9881, 0.6364, 0.3379
CMYK	0.98, 0.45, 0.00, 0.34
HSL	208°, 96%, 34%
HSV	208°, 98%, 66%
XYZ	11.0741, 10.6589, 38.9283
YIQ	74.7540, -78.0360, 4.5560

Conversions

Conversions Part 2

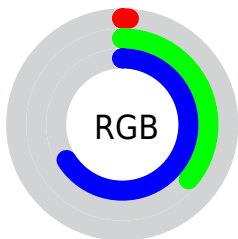
Format	Color
R_{YB}	3, 61, 169
Decimal	220585
CIE _{Lab}	39.00, 7.14, -47.12
CIE _{LCh}	39, 47.659, 278.615
Yxy	10.6589, 0.1826, 0.1757
Android (android.graphics.Color)	4278410665 (0xFF035DA9)
YUV	74.7540, 46.4633, -62.9283
Hunter-Lab	32.6480, 3.4125, -47.8416

Details

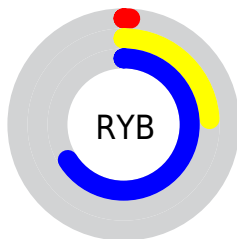
The CIELCh color $[39, 47.659, 278.615]$ is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be $[44, 62.674, 57.934]$, and the grayscale version is $[32, 0.005, 296.813]$.

A 20% lighter version of the original color is $[59, 47.560, 278.282]$, and $[21, 45.612, 289.626]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 48.501, 279.397]$, and if you desaturate by 10%, it is $[42, 43.129, 274.006]$.

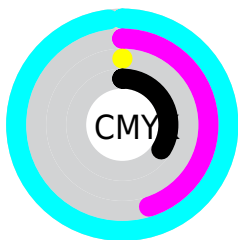
Distribution



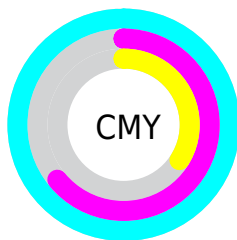
- Red (1%)
- Green (36%)
- Blue (66%)



- Red (1%)
- Yellow (24%)
- Blue (66%)



- Cyan (98%)
- Magenta (45%)
- Yellow (0%)
- Black (34%)





- Cyan (99%)
- Magenta (64%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 47.659, 278.615 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 39, 47.659, 278.615 by changing the saturation by 10% instead.


 39, 47.659,
278.615


 39, 47.659,
278.615

 100, 47.659,
278.615


 29, 47.659,
278.615

 59, 47.659,
278.615


 19, 47.659,
278.615


 69, 47.659,
278.615

 9, 47.659, 278.615

 79, 47.659,
278.615

 0, 47.659, 278.615

 89, 47.659,
278.615

 99, 47.659,
278.615

■ 39, 47.659,
278.615

■ 39, 47.659,
278.615

■ 39, 48.501,
279.397

■ 42, 43.129,
274.006

■ 44, 38.691,
269.629

■ 47, 34.227,
265.713

■ 50, 29.654,
262.316

■ 53, 24.926,
259.429

■ 56, 20.026,
257.004

■ 60, 14.963,
254.981

■ 63, 9.757, 253.298

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39, 47.659, 278.615



44, 62.674, 57.934

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39, 47.659, 278.615



39, 47.659, 328.615



39, 47.659, 98.615



39, 47.659, 148.615

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39, 47.659, 278.617



75, 19.006, 255.227



61, 67.720, 147.297



38, 12.959, 256.028



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39, 47.659, 278.617



50, 59.937, 280.321



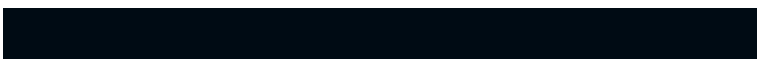
21, 95.030, 305.452



34, 3.050, 252.055



34, 43.567, 278.833



3, 5.914, 258.938

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36, 62.638, 357.286



48, 76.209, 358.639



65, 68.259, 99.693



33, 4.657, 342.195



31, 57.112, 357.435



2, 7.993, 345.477

Previews

White Background



This preview shows how the CIE LCh color 39, 47.659, 278.615 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 39, 47.659, 278.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

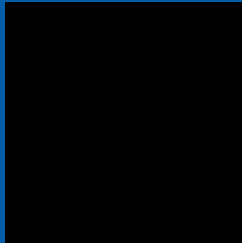
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 47.659, 278.615

Background



This preview shows how black text looks on a background with the CIELCh color 39, 47.659, 278.615.



This preview shows how white text looks on a background with the CIELCh color 39, 47.659, 278.615.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


39, 47.593, 278.494

Protanopia

39, 46.646, 286.480

Deuteranopia

39, 45.466, 276.627



Tritanopia
39, 24.755, 206.716

Trichromacy



Original Color
39, 47.593, 278.494

Protanomaly
39, 47.125, 282.471

Deuteranomaly
39, 45.991, 277.126

Tritanomaly
39, 27.502, 243.708

Monochromacy



Original Color
39, 47.593, 278.494

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 19.939, 261.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 47.659, 278.615 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(3, 93, 169)` looks like.

```
.text, #text, p{  
    color:rgb(3, 93, 169)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(3, 93, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 93, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 47.659, 278.615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(3, 93, 169) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(3, 93, 169) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(3, 93, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 93, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 93, 169);  
box-shadow:4px 4px 4px 4px rgb(3, 93, 169)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 47.659, 278.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 93, 169) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(3, 93,  
169) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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